

Electronic Acknowledgement Receipt

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| EFS ID: | 6498672 |
| Application Number: | 10642519 |
| International Application Number: | |
| Confirmation Number: | 1583 |
| Title of Invention: | TIMING EXTRACTION CIRCUIT FOR USE IN OPTICAL RECEIVER THAT USES CLOCK OF FREQUENCY EQUAL TO ONE HALF OF DATA TRANSMISSION RATE, AND DUTY CYCLE DEVIATION HANDLING CIRCUIT FOR USE IN OPTICAL TRANSMITTER AND RECEIVER |
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| Filer Authorized By: | Thomas E. McKiernan |
| Attorney Docket Number: | 122.1561 |
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| Application Type: | Utility under 35 USC 111(a) |

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| Submitted with Payment | yes |
| Payment Type | Deposit Account |
| Payment was successfully received in RAM | \$ 1810 |
| RAM confirmation Number | 2990 |
| Deposit Account | 193935 |
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File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|-----------------------------|---------------------|--|------------------|------------------|
| 1 | Issue Fee Payment (PTO-85B) | Issue_fee_1page.pdf | 161518 | no | 1 |
| | | | 0b68cd6c9a6fb6b456a96490984dd1bf305401bb | | |

Warnings:

Information:

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|---|-------------------------|--------------|--|----|---|
| 2 | Fee Worksheet (PTO-875) | fee-info.pdf | 32525 | no | 2 |
| | | | b6cdf3b472ce1c61d68e363eb9c6215dba9e1607 | | |

Warnings:

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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